Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 15 Sep 2023 until 23:59 on Saturday 16 Sep 2023

Forecast Issued on Friday 15 Sep 2023 at 04:46

Confidence: High confidence for the change to unsettled conditions over the weekend and into next week. Lower confidence in regards to the position and movement of the frontal rain band on Friday and timing and extent of thunderstorms over the weekend and early next week.

Headline for Friday 15 Sep 2023: Often cloudy with extensive hill fog this morning. Early rain gradually easing, becoming mainly dry by this afternoon.

Mountain weather hazards on Friday 15 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Fog	Cloudy	Cloudy	Cloudy	Mist
Precipitation probability					
60%	30%	20%	30%	20%	30%

Forecast for Friday 15 Sep 2023

Weather: Overcast with extensive low cloud and hill fog in the morning. Some uncertainty in regards to how quickly the rain clears to the north during Friday morning, although at stage, it looks like it should largely clear by mid-morning. It should gradually brighten up from the south into the afternoon, with perhaps a few showers. Low cloud, mist and fog developing again overnight, with some patchy light rain and drizzle at times. Feeling warm and humid too.

Chance of cloud-free hill tops above 600m: 20% first thing and later, improving to 60% by the afternoon in the west.

Low Cloud and visibility: Cloud bases down to 400-500m first thing, lifting to largely above the summits by the afternoon in the west, with eastern slopes still affected by low cloud through much of the day. Lowering to 400-500m by the evening in most places. Poor or very poor visibility in rain and low cloud, improving to become good in the afternoon, before deteriorating later.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 15 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/9 E	7/9 S	8/12 E	10/13 E	7/11 E	10/15 NE	10/16 NE
300	3/11 E	6/12 S	7/11 SE	7/12 SE	5/11 NE	9/17 NE	10/19 NE
Valley	5/16 E	2/8 SW	4/11 S	5/10 SE	4/8 NE	10/16 NE	15/26 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	12/11	12/11	13/11	12/11	11/9	10/7
300	12/11	14/13	16/15	16/16	14/14	13/11	12/10
Valley	12/12	14/15	17/17	17/17	16/16	14/13	13/10
Freezing Level*	2900m	2900m	2600m	2700m	2800m	2600m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Due to low confidence regarding rainfall amounts it is best to expect good conditions but prepare for the worst, hence waterproofs are advised in case of deteriorating conditions. Extensive low cloud will make for difficult navigation conditions at height, especially this morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 15 Sep 2023	6.4mm	8mm	13.6mm

Forecast for Saturday 16 Sep 2023

Weather: Extensive low cloud, mist and fog forming overnight and early morning, which may give some outbreaks of patchy light rain and drizzle at times. Low cloud may linger throughout the day across the summits, although there is likely to be some occasional brighter during the afternoon, especially across sheltered southern and western parts of the Dales. Feeling cooler and fresher.

Maximum wind: Northeasterly 15-20mph, gusting to 30-35mph on the summits.

Chance of cloud-free hill tops above 600m: 30% first thing, improving to 60% by the afternoon.

Low Cloud and visibility: Cloud bases down to 300-400m overnight and early morning, gradually lifting to above the summits by mid-morning. Poor visibility in low cloud, mist and fog early in the day, improving to become mostly moderate to good through the remainder of the day.

Temperature: **Valleys:** Plus 10 Celsius, becoming Plus 12 Celsius.
At 600m: Plus 8 Celsius, becoming Plus 10 Celsius.
Freezing level: Above the summits.

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